

ABSTRACT:

The present invention relates to a tunable quadrature phase shifter comprising an input (IN) for inputting an input signal (v_{in}), splitting means (10) for splitting the input signal into two essentially orthogonal first and second signals (i_1 , i_2), adding means (6) for adding said first and second signals (i_1 , i_2), subtracting means (7) for subtracting said first and second signals (i_1 , i_2), a first output (OUT+) for outputting a first output signal (v_{o1}) based on the output signal from said adding means (6), and a second output (OUT-) for outputting a second output signal (v_{o2}) based on the output signal from said subtracting means (7), wherein that said splitting means (10) is provided as an all-pass.

(Fig. 4)